IM BUILDINGS

Office Occupancy Counter - LoRaWAN®

Quick start guide

Contents of delivery

- ☐ Battery operated Office Occupancy Counter
- ☐ Screws for locking the housing
- ☐ This quick start guide

Note
This instruction manual is for the prototype of the battery operated Office Occupancy Counter

Introduction

The IMBuildings Office Occupancy Counters - LoRaWAN® is a battery operated sensor for counting the number of people indoor and in office environments e.g. meeting rooms.
The device comes pre-configured with Appkey and AppEUI/JoinEUI.
This information is to be supplied by your supplier.

For configuration of the device you can use our Android App or use downlink communication to the device.
For more information, tools and downloads visit the following URL:

support.imbuildings.com/docs

Any LoRaWAN specific information and details are beyond the scope of this document.

1 - Handling the devices

To place the batteries, the device needs to be opened first.
Open the device by gently taking the bottom and top apart from each other.
When closing the housing place the side plates and gently click both sides together. Optionally the housing can be locked by using the included screws.

2 - Power up the device

Please use the correct batteries for this product. The required batteries are 3.6V AA Lithium batteries.
We can recommend the SAFT LS14500 batteries.

When placing the batteries please check the polarity.

At the moment the batteries are placed the device will power on immediately and start functioning.
Also the status LEDs will start to function.

3 - Mounting the device

The device needs to be mounted just above the door opening for correct operation. Place the device on the doorframe at the top in the middle.
In case the door swings underneath the sensor be sure the topside of the door is within 15 cm from the sensor.

For more information about the installation of the device please refer to the online documentation as mentioned on the top right of this page.

4 - Start counting

Once the Office Occupancy Counter is installed you can start collecting count data.

Please note: that under normal operation the counter indicator LEDs remain active for approximately 2 minutes after a connection has been established.
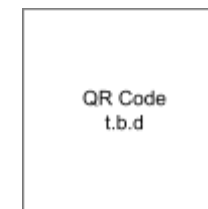Once the LED turns off no indication of activity is given, unless activated again using the magnet area.

This document applies to the following prototype products:

> *IB999-001.00*
> *IB999-002.00*
> *IB999-003.00*
> *IB999-004.00*

For more detailed information about this and other products please check the following website:

support.imbuildings.com/docs

or scan the QR code for a direct link to more detailed information about the battery operated Office Occupancy Counter - LoRaWAN®.

QR Code
t.b.d

Specifications

Ambient operating temperature	0-40°C at 0-95% non condensing humidity.
Nominal Voltage	3.6V
Power supply	2x AA 3.6V Lithium batteries*
Maximum power consumption	tbd

*The manufacturer's instructions for the respective batteries need to be observed

Declaration of origin

This product is produced in the European Union, namely in The Netherlands, and satisfies the rules of origin governing Community Customs Code according to Regulation (EEC) 2913/92 articles 22/26 and/or Regulation (EEC) 2454/93 annex 10 and 11.

Safety instructions

Read, follow, and keep these instructions

1. Heed all warnings
2. Only use attachments/accessories specified by the manufacturer

! WARNING: To reduce the risk of fire and/or electric shock,do not expose this product to rain or moisture.

! WARNING: Do not use this product in a location that can be submerged in water.

Battery Warning (if applicable)

1. Do not expose cells or batteries to heat or fire. Avoid storage in direct sunlight.
2. Purchase batteries recommended by the manufacturer.
3. The manufacturer's instructions for the respective batteries need to be observed.

Electrical Safety Information (if applicable)

There are no operator serviceable components in this device, service and repair should always be done by qualified professionals

The product should not be disposed of with other household waste. Users should contact their supplier for recycling options according to local laws.

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